

THE ARIZONA MINING FIELD

Items About the Mines and Mineral Development Culled From Exchanges

TREASURELAND OF AMERICA

Reports From Many Districts in the Territory, Telling of Important Discoveries, Active Operation and Organization of New Companies

The erection of a \$2,000,000 smelter by the American Refining & Smelting company has been commenced at Velardena, Mexico. It will handle 2000 tons of ore per day when fully installed. Vast supplies of ores are awaiting its completion.

During the month of April, Custom Broker G. L. Andrews cleared from Mexico for the smelter at El Paso five carloads of ore and one of concentrates valued at \$80,000, all from El Tigre mine. The carload of concentrates was the first shipment from the new mill. —Bisbee Miner.

A correspondent of the Salt Lake Tribune, writing from Richfield, Utah, regarding a new process for treating ores by the Cocoonino Copper company in northern Arizona, speaks favorably regarding the results. He says that the remarkable feature of the process is the quick action; that ores put in the blue sulphide solution in the forenoon and treated to a steam bath will precipitate the copper by 4 o'clock p. m. It is claimed that a complete precipitation has been obtained within two hours. Steam is the principal agency.

President Goshen, of the El Dorado Gold and Silver Mining company, received word from the superintendent of the mine saying that work is going ahead on the property and that it looks better every foot he goes down. He has sent a number of samples of the ore to be assayed. The Saddle Mountain company, which owns property near the El Dorado, is unloading the machinery at Winkelman for a 250-ton smelter. This company has made arrangements to haul their gold ore down to their copper smelter. —Bisbee Miner.

COCHISE COUNTY

Where Mining, the Chief Industry, is Very Active

From the Bisbee Miner.

The Promontory mining claims have been sold to eastern parties for the sum of \$60,000 in cash. The property is considered one of the most promising in the district and the new owners will proceed to thoroughly develop their new possession.

From the Tombstone Prospector.

Dr. C. Bowen, president of the Gold Camp Mining company, is a Tombstone visitor today on a trip of inspection of the company's property in the Dragoon mountains. The doctor states the company proposes some extensive development shortly.

C. M. Renaud left today for Pearce. Mr. Renaud states that the Commonwealth company's property is to be reopened under lease by Messrs. A. Y. Smith and associates and it is expected a force of 100 men will be employed in the mine, mill and cyanide plant in a short time.

The maximum capacity of the present plant of the Greene Copper company will be 6,000,000 pounds of copper per month. At present the cost of production runs from 94 to 104 cents per pound, but the more economical process to be employed, and now in course of installation, will reduce the cost before the end of the year to 9 cents.

From the Bisbee Review.

Report comes from Gleason of the striking of a large body of high grade ore in the shaft being put down on the Cox group. The ore is said to have come in heavily at 139 feet and to give every indication of permanence.

The Grayson Mining company has purchased the interest of Mr. Quinlan in fourteen claims owned by him adjacent to the Gold Nugget mine. The price paid was \$75,000, of which 10 per cent was in cash and the balance in short time payments. One year ago Quinlan was a teamster for the Gold Nugget company.

The Gold Nugget Mining company placed on exhibition in the windows of the First National bank, on Monday, two gold bars valued at \$700, the result of six days operation of its new five-stamp mill. The gold is the finest quality ever brought to Bisbee and will bring about \$20.50 per ounce.

Reports from the Lucky Tiger company state that the mill recently put in operation at the property is handling from 50 to 60 tons of ore per day and the plant is working satisfactorily. In the meantime the regular shipments of ore to the smelter at El Paso, consisting of one car per week, is being continued, which nets the company in the neighborhood of \$7000 per car.

The Savage Gold & Copper Mining company, in the Chiricahua district, under the superintendency of Mr. Lewandoski, of Douglas, holds out great prospects for its owners. A force of twenty men is now at work developing. Some ore has been shipped showing good values. This property has recently been financed and is now on a substantial basis.

The Phoenix Republican says: "W. K. Maull left last night for Fairbank to make arrangements for the installation of a 200-ton mining plant at the Grand Central. Mr. Maull has been engaged for some time in working up to this enterprise and recently he succeeded in getting Los Angeles capitalists interested in it to the amount of \$20,000. The Grand Central was one of the famous mines in that part of the country in the early days of Tombstone."

YAVAPAI COUNTY

Growing Importance of the Mining Industry. New Developments

From the Phoenix Gazette.

Supt. George B. Upton, of the Oro Grande gold mine, at Wickenburg, reports that he is working twenty-five men underground at this time and will start the new ten-stamp mill running the full twenty-four hours as soon as he can obtain competent help for the night run. Now the mill is operated only twelve hours.

From the Jerome Mining News.

During Senator Clark's recent stay at Jerome he authorized the expenditure of a large sum in new development work and economic additions to the smelter and concentrator. Since the complete adjustment of the labor difficulties it has been deemed safe to inaugurate many improvements which would not have been undertaken otherwise.

From the Phoenix Republican.

A valuable deposit of nitrate of potash is said to have been discovered in the vicinity of Briggs, Yavapai county, about twenty-eight miles northeast of Wickenburg. The known extent of the deposit is given as having a width of 500 feet and a length of more than a mile. In the crevices of the upheaved rocks stringers of the material carry as high as 90 per cent nitrate of potash while the mineralized rock itself is said to carry anywhere from 3 to 8 per cent throughout. Redlands, California, parties have secured a group of eleven claims covering the known deposit, and organized a company called the Nitrate of Potash mining company. From a point on Castle creek a tunnel to tap the main body at a depth of 300 feet has been started.

From the Prescott Journal-Miner.

The Tiger Gold company has purchased a half interest in the Pilgrim mining claim. The company will develop this claim and expects it to make as good a showing as any now in its possession.

The Bannie mine, in the Walker district, is being developed under contract to sink the shaft 100 feet deeper. Three shifts of six men are now employed in the work. A tunnel has been run 135 feet under the main ledge. About 100 feet in a three foot ledge was encountered which carries good values in gold, silver, copper and lead. A concentrator to handle 40 tons per day has been ordered.

The development of the Yeager Canyon Copper company's claims, twelve miles southwest Jerome, is attracting considerable attention. The main shaft has reached a depth of 500 feet and a 600-foot drift has been run on the ledge, being in ore all the way. The property is equipped with a concentrating plant of sixty tons daily capacity. Concentrates are being shipped regularly from the mill. A new hoisting plant was recently installed, having a capacity of developing the property to a depth of 1500 feet. The company is composed of some of the wealthiest men in Arizona, and there is no doubt property will soon be numbered among the big producers.

From the Prescott Herald.

A one-fourth interest in the Combination extension, in the Ash creek district, has been sold by J. J. Brady to S. Goldworthy for \$2500.

The Dividend Consolidated company's mines are now a paying proposition. The 10-stamp mill is now running day and night and producing daily two tons of high grade concentrates. A large amount of good ore has been blocked out and new development work is keeping pace with the stoping.

The Treadwell smelter at Mayer is finally in full operation and turning out copper ingots carrying considerable values in gold and silver. The Hackberry furnishes about 50 tons of ore daily. The ore bins are full, there being several thousand tons on hand, and the plant can be kept running to its full capacity of 250 tons per day from the supply now in sight.

A. O. U. W. Changes Officers

On account of the press of private business Gust. A. Hoff has resigned the position of grand receiver of the A. O. U. W. for the jurisdiction of Arizona and New Mexico, and, his resignation having been accepted, Grand Master J. E. O'Connor appointed Dr. F. A. Odey, of this city, to fill the vacancy. Dr. Odey, on acceptance of the office, necessarily dropped his place as chairman of the finance committee and L. V. Russell was advanced to the chairmanship with Donald McIntyre filling the third membership on the committee. —Tucson Post.

MOHAVE COUNTY

The Week's Mining News as Reported by the Miner

The North Star Gold Mining and Milling company, has just been organized under the laws of the territory of Arizona with 50,000, \$10 shares. The company is to work a group of mines near the White Hills, in this county. The properties are among the best in that section.

J. H. McNeil, of the Arizona Bullion company departed on Tuesday for Chloride, where he is operating the Elkhart mine. Mr. McNeil has purchased the right and title of the Arizona Bullion Mining company in the property and will operate it on his own account.

This week Charles J. Lyser purchased six or seven tons of supplies for his camp at Mineral Hill, where Capt. J. R. De la Mar has taken over the big copper properties recently operated by Col. A. J. Pickrell. Supt. Lyser is to work a large force of men at the mines and permanent camp accommodations are being prepared. It is stated that the mines are the most promising properties on the Pacific coast and the report of the expert was most favorable.

The Cyclopic Gold Mining company has cut a road from the mine to a connection with the Dolan Springs road, which shortens the distance to the railroad to about twenty-two miles. The company has been at work laying a new pipe line to the spring and has put in a pumping plant to force the water over the divide to the mill. The mill plant has been remodeled and the crushing of ore will soon be under way. A hoisting plant will soon be in operation on the property.

Sheriff Brown is at Vivian camp this week selling off the personal property of the Mohave Gold Mining company, under an order of sale issued out of the district court. It is understood that the company purposes a reorganization and the settling up of all indebtedness. The property consists of a forty stamp mill, at Milltown, pipe line and other personal property. Monday next the reality of the company will be sold at Kingman. The property consists of the Leland group of mines at Vivian, some of which mines are said to be very rich. The Midnight mine, of this group, produced ore that milled more than \$30 to the ton in gold and the vein averaged thirty inches in width. The shaft was sunk to a depth of 200 feet and all the ore above that level cut out.

W. T. Lewis, of Racine, Wis., president of the Yuca Cyanide Mining & Milling company, accompanied by E. L. Waterhouse, of Philadelphia, and C. D. Pickering, superintendent of the mine, were in Kingman Thursday last. The gentlemen had just made an examination of the property and are highly pleased with the present outlook. At the bottom of the shaft, which now stands at a depth of 516 feet, there is three feet of ore that will average better than \$30 gold to the ton. The mill is being run on this grade of ore and is making a nice product. While at the property the directors agreed to the installation of new and better machinery in both mine and mill and the rapid development of the property below the 500 foot level. Air drills will be put in and an up to date plant installed in the mill. The company is in a prosperous condition.

PIMA COUNTY STRIKES

Recent Reports Indicate Coming Prosperity in the District

From the Tucson Star.

A rich strike is reported in the Abbe Waterman mines in the Silver Bell district, thirty-five miles west of Tucson, being east of the Imperial. The strike is in the crosscut on the 250-foot level. The vein is over five feet wide and carries high values in copper, silver, gold and lead. A contract has been let for sinking the shaft to the 300-foot level, where crosscutting will follow.

From the Tucson Citizen.

A mining man who is in the city, speaking of the operations of the Santa Rita mine and Water company, the corporation which is operating at Greaterville, said: "Those people are taking out something very close to \$1000 per day now, although they are not giving out any press reports. The manager, J. B. Stetson, came here about three years ago, and after looking over the ground, corralled all the water rights in the section, purchased some 5000 acres of land, spent \$135,000 before he took out a cent, and then started in, with the result which I spoke of, which has been in effect since the 15th of January. They have a hydraulic plant in full force there and are simply coining the money."

CLIFTON AND MORENCI

Items of Interest From Graham County's Big Copper Camps

From the Clifton Era.

A cave-in at the Chase Creek Copper company's mine last week will delay operations for several days.

The output of the Arizona Copper company for April was 1164 tons of Bessemer copper. This is less than the

average run, the falling off being occasioned by the weather disturbances.

From the Guardian.

J. F. Wilson of New York, president of the Federal Mining company, spent Saturday in Safford. Mr. Wilson has great confidence in the future of the Federal mines and will probably spend considerable money on them this summer.

From the Clifton Herald.

The Stanley Butte Consolidated Copper company has been incorporated with a capital stock of \$5,000,000. M. M. Dodge, J. E. Carpenter, and others are incorporators, who propose to develop mining properties near San Carlos.

It is claimed that the Chase Creek Copper company's ores will need but little sorting on account of its excellent fluxing qualities; that none of it runs more than 5 per cent silica and plenty of 17 per cent copper is said to be found. The workings are now in over 1000 feet and the quality is improving with the advance of operations.

YUMA COUNTY PLACERS

Old Ground That Paid the Panner Will Now Be Dredged

From the Sentinel.

The Arizona Sampling & Smelting company has been organized for the purpose of establishing an ore sampling plant in Yuma. A site has been selected and work on the plant will begin shortly, as the company expects to be ready to receive ore by the 1st of July.

Articles of incorporation of the Victor & Belle Crown Mining company have been filed with the Yuma county recorder by R. R. McDonald, W. E. Enos and John B. Martin, of Harrisburg, Yuma county. The capital stock is \$1,000,000 with 1,000,000 shares at \$1 each; the greatest liability which may be incurred being \$500,000. The principal place of business designated is the city of Harrisburg, Yuma county, with a branch office at Buffalo, N. Y.

From the Phoenix Enterprise.

Another company has been organized to work placer ground near Gila City, composed of San Francisco, Los Angeles and Yuma capitalists. These gold fields are well known to mining men in the vicinity of Yuma, having been worked on a small scale by panning for the past thirty years, during which time, it is asserted, several million dollars' worth of gold ore has been extracted. They have been worked in recent years by Mexicans and Indians, who can make a dollar a day panning gold, but are now almost exhausted for working in a small way, and the new company proposes to work them on such a large scale as to extract the gold at a minimum expense. They propose to take water from the Gila river and pipe it from a reservoir to the fields. The fall will give great water pressure.

OUR NEIGHBOR PINAL

Mining News Reported by the Arizona Weekly Blade

The Christmas Gift Gold Mining company has purchased ninety-one mining claims, situated in the Casa Grande mining district, from William Ballantyne, of Denver, Colorado.

The Omaha Mining company, on the report and recommendation of the editor of the Blade, is preparing to let a contract for the sinking of a 250-foot shaft on the McSherry group of claims.

Supt. W. B. Twitchell, of the Big Lead Mining & Smelting company, of Kelvin, reports that the test run made on Big Lead ores at the old Bob Tail mill proved entirely satisfactory to the company management.

F. G. Pendleton, of the Lake Superior & Arizona company's office in North Florence, reports another carload of high-grade copper ore at the depot ready for shipment, and says things at the mine are moving along nicely.

The Elder-Memania properties, situated between Ray and Kelvin, have lately been bonded to parties who will inaugurate early development. The underground workings amount to over 3000 feet, with a depth of 300 feet. The ores carry copper and gold values.

It is reported that Jas. K. McCarthy has closed a deal with Chicago capitalists on his Bryan group of claims, situated at Riverside, on the south side of the Gila. It is expected that the Chicago people will immediately commence the development of these properties.

General Manager Sharpe, of the Arizona-Pacific, reports that he completed the unwatering of that company's mine at Woolley Tuesday, and sinking has been resumed with a full force of miners. The new machinery is all in place and is working to perfection. The electric plant recently installed is now furnishing lights for the camp.

To Test Traction Engine

An experiment in the use of traction engines on Arizona roads is about to be tried by C. R. Eager, who has the contract for hauling oil from Mesa to Roosevelt for the government works. The stretch of comparatively level road between Mesa and Goldfield will be improved, widened and newly bridged to admit of the motor passing. The engine is a ponderous affair, the traction wheels being forty-six inches wide and nearly five feet in diameter and it is expected to haul many tank loads each trip. The run will end at Goldfield, or possibly at the base of the foothills west of that point. Such an engine is now successfully transporting train loads of ore between Diamondfield and Tonopah, Nevada.

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